

PURCHASE MATERIAL: UHMW BLACK TIVAR 1000 VIRGIN MATERIAL
MANUFACTURER: POLY HI SOLDUR/QUADRANT PLASTICS
THICKNESS - TOLERANCE: +0.030"/ NO MINUS

PART NUMBER: MUHMW C| TTT | WHERE TTT = THICKNESS IN 1/100 INCHES $\triangle C$
THICK C = COLOUR (B = BLACK)
(W = WHITE)

EG. 1.000" UHMW BLACK TIVAR 1000 = MUHMWB100
1.250" UHMW BLACK TIVAR 1000 = MUHMWB125

MINIMUM MATERIAL PROPERTY VALUES
*REFERENCE DART REPORT DR-1041

YIELD TENSILE 2900 PSI
ULTIMATE TENSILE 4600 PSI
YIELD SHEAR 2200 PSI
ULTIMATE SHEAR 3500 PSI
YIELD BEARING 2800 PSI
ULTIMATE BEARING 4200 PSI
FLEXURAL MODULUS 105000 PSI

RELEASED
12/10/26 GP
ECN 12-672

C	INCREASED ACCURACY OF PART NUMBER THICKNESS, "TTT" WAS "TT"	AP	12.09.27
B	REFORMAT ADDED MATERIAL REQUIREMENTS FROM D2689 MANUFACTURER UPDATED (SEE PAR 11-105)	AJS	11.06.09
A	NEW ISSUE	RF	05.03.31
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AP		
CHECKED	GP	DRAWING NO.	REV. C
MFG. APPR.	N/A	MUHMW	SHEET 1 OF 1
APPROVED	GP	TITLE	SCALE
DE APPR.	GP	UHMW SHEET	NONE
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